Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 1 of 28

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Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

U.S. PATENT DOCUMENTS

		U.S. Patent Document		Name of Detector on Applicant	Date of Publication	Pages, Columns, Lines,
Examiner Initials	Cite No. ¹		d Code ² known)	Name of Patentee or Applicant of Cited Document	of Cited Document mm-dd-yyyy	where relevant passages or relevant figures appear
		Re37161		Michelson et al.	05/01/2001	
		522747		Showell, E.	06/26/1940	
		2,005,955		Knox Granville S	06/1935	
		2,248,054		Becker	07/08/1941	
		2,268,576		George Drewett	01/1942	
		2,346,346		Anderson, R.	04/11/1944	
		2514589		Penman Walter R	07/1950	
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		Foreign Patent Document		nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No. ¹	Office ³	Number ⁴ Kir	ıdCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		WO	89 00028	A1	Biedermann et al.	01/12/1989	WO	
		WO	90 00377	A1	Harms et al.	01/25/1990	WO	
		WO	91 06254	A1	Biedermann et al.	05/19/1991	WO	
		WO	91 16020	A1	Danninger Medical Technology	10/31/1991	WO	
		WO	92 20294	A1	Eisenstein et al.	11/26/1992	WO	
		WO	93 11715	A1	Jeanson et al	06/24/1993	WO	
		WO	94 14384	A2	Plus Endoprothetik	07/07/1994	WO	

Examiner	Date
Signature	Considered

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of U.S. Patent Documents at www.uspto.gov. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 2 of 28

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Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

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Examiner Initials	Cite		d Code ² (known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		4,274,401		Miskew, D.	06/23/1981	4,274,401
		4,369,011		Ploss, Helmut	01/1983	4,369,011
		4,373,754		Bollfrass ett al	02/15/1983	4,373,754
		4,492,749		Scheler	01/18/1985	4,492,749
		4,382,438		Jacobs, R.	05/10/1983	4,382,438
		4,611,580		Wu, K.	09/16/1986	4,611,580
		4,763,644		Webb	08/16/1988	4,763,644
		4,799,372		Marcon et al.	01/24/1989	4,799,372
		4,805,602		Cotrel, Y.	03/28/1989	4,805,602
		4,815,453		White et al.	07/25/1989	4,815,453
		4,836,196		Park et al.	06/06/1989	4,836,196

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		Foreign Patent Document		Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant		
Examiner Initials	Cite No. ¹	Office ³	Number ⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		WO	95 01132	A1	Synthes	01/12/1995	WO	
		WO	95 13755	A1	Cross Medical Products Inc.	05/26/1995	WO	
		WO	95 13756	A1	Cross Medical Products Inc.	05/26/1995	WO	
		WO	95 14437	A1	Sofamor Danek Group	06/01/1995	WO	
		WO	98 12977	A1	SDGI Holdings Inc.	04/02/1998	WO	
		WO	00 27297	A1	SDGI Holdings Inc.	05/18/2000	WO	
		WO	01 01873	A1	Spinevision S.A.	01/11/2001	WO	

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 3 of 28

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Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.1		d Code ² known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		4,848,368		Kronner, R.	07/18/1989	
		4,887,596		Sherman, M.	12/19/1989	
		4,913,134		Luque	04/03/1990	
		4,946,458		Harms et al.	08/07/1990	
		4,950,269		Gaines, R., Jr.	08/21/1990	
		5,005,562		Cotrel, Y.	04/09/1991	
		5,042,982		Harms et al.	08/27/1991	
	, in the second second	5,067,955		Cotrel, Y.	11/26/1991	
		5,092,635		DeLange et al.	03/1992	
		5,092,867		Harms et al.	03/03/1992	
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		Foreign Patent Document		nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No. ¹	Office ³	Number⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		WO	04 041100	A1	Spinal Concepts, Inc	05/021/2004	WO	
		WO	05 041799	A1	Innovative Spinal Technologies	05/12/2005	WO	
		WO	20 69854		Kim, Sung-Kon	09/12/2002	WO	
		DE	430 7576		Biedermann	04/21/1994	DE	
		DE	199 12 364	B4	Brehm, Peter	10/07/2004	DE	
		DE	26 49 042	B1	Ulrich, Max Bernhard	01/05/1978	DE	
		DE	29 03 342	A1	Hoechst AG	07/31/1980	DE	

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 4 of 28

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Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

U.S. PATENT DOCUMENTS

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Examiner Initials	Cite		d Code ²	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
	140.	<u> </u>			ппп-чи-уууу	- ''
		5,129,388		Vignaud et al.	07/14/1992	
		5,154,719		Cotrel, Y.	10/13/1992	
		5,171,279		Mathews	12/15/1992	
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		5,217,497		Mehdian	06/08/1993	
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		Foreign Patent Document			Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No. ¹	Office ³	Number ⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		DE	298 10 798	U1	Schafer Micomed GmbH	12/02/1999	DE	
		DE	3434807	A1	Mecron Medizinische Produkte GmbH	12/19/1985	DE	
		DE	3639810	A1	Ulrich, Heinrich	05/26/1988	DE	
		DE	3711013	C1	Harms, Jurgen	06/09/1988	DE	
		DE	3916198	C2	Gerhard Hug GmbH	07/16/1992	DE	
	·	EP	0346521		Acromed Corp	07/27/1988	EP	
		EP	0465158	·	Mehdian Seyed Mohamed	06/28/1991	EP	

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 5 of 28

sa to respond to a confection of information diffess it displays a valid ONIB control flamb						
Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

U.S. PATENT DOCUMENTS

		U.S. Patent Document			5 . (5	
Examiner Initials	Cite No.1		nd Code ² if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		5,282,862		Baker et al.	02/01/1994	
		5,282,863		Burton	02/01/1994	
		5,352,231		Brumfield et al.	10/04/1994	
		5,360,431		Puno et al.	11/01/1994	
		5,385,583		Cotrel	01/31/1995	
		5,397,363		Gelbard	03/14/1995	
		5,429,639		Judet, T.	07/04/1995	
		5,443,467		Biedermann et al.	08/22/1995	
		5,466,237		Byrd III et al.	11/14/1995	
		5,468,241		Metz-Stavenhagen et al.	11/21/1995	
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		Foreign	Patent Documer	nt	Date of Publication Pages, Columns, Lines Name of Patentee or of Cited Document where relevant		Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No. ¹	Office ³	Number ⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		EP	0836835	A2	Spinal Innovations	10/09/1996	EP	
		EP	0870474		Bioprot SA	07/28/1997	EP	
		EP	1090595	A2	Stryker Spine	04/11/2001	EP	
		EP	0614649		Biedermann Motech	02/10/1994	EP	
		DE	100 27 988	A1	Kosmala	01/10/2002	DE	
		DE	101 36 129	A1	Biedermann Motech	02/20/2003	DE	
		DE	101 57 969	C1	Biedermann Motech	02/06/2003	DE	

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 6 of 28

sa to respond to a confection of information diffess it displays a valid ONIB control flamb						
Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

U.S. PATENT DOCUMENTS

		U.S. Patent Document			5 . (5	B 01 11
Examiner Initials	Cite No.1	Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
		5,496,321		Puno et al.	03/05/1996	
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		5,585,020		Johnson et al.	01/1999	
		5,586,984		Errico et al.	12/24/1996	
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Examiner Initials	Cite No. ¹	Office ³	Number ⁴ Kir	ndCode⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ⁶
		DE	199 12 364	A1	Brehm, Peter	10/12/2000	DE	
		DE	430 7576		Biedermann	04/21/1994	DE	
		EP	1133951	A2	Lee, Chun-Tek	09/19/2001	EP	
		EP	1190678	A2	DePuy Acromed	03/27/2002	EP	
		EP	1332722	A1	Stryker Trauma GmbH	08/06/2003	EP	
		EP	0242708	A2	Harms, Jurgen	04/08/1987	EP	
		EP	0283373	A1	Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	03/04/1988	EP	

Examiner	Date	
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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a to respond to a collection of information differs it displays a valid Own control number						
Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

U.S. PATENT DOCUMENTS

		U.S. Patent Document			Data of Bublication	Damas Calumna Linas
Examiner Initials	Cite No. ¹		nd Code ² if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
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		5,667,508		Errico et al.	09/16/1997	
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		5,672,176		Biedermann et al.	09/30/1997	
		5,683,390		Metz-Stavenhagen et al.	11/04/1997	
		5,683,391		Boyd	11/01/1997	
		5,690,630		Errico et al.	11/25/1997	
		5,716,356		Biedermann et al.	09/30/1997	
		5,725,527		Biedermann et al.	03/10/1998	
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		Foreign Patent Document		nt	Name of Patentee or	Date of Publication of Cited Document	Pages, Columns, Lines, where relevant	
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		EP	0324022		Biedermann	09/15/1993	EP	
		EP	0328883	A2	Howmedica Gmbh	01/17/1989	EP	
		EP	0330881	A1	Synthes	02/10/1989	EP	
		EP	0348272		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	06/13/1989	EP	
		EP	0392927		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	04/11/1990	EP	
		EP	0379551		Harms, Jurgen	07/11/1989	EP	
		EP	0441729		Vignaud, Jean-Louis	02/05/1991	EP	

Examiner	Date	
Signature	Considered	

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Sheet 8 of 28

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U.S. PATENT DOCUMENTS

		U.S. Patent Document			Data of B. Hisarian	Barras Cal mana Lina
Examiner Initials	Cite No. ¹		nd Code ² f known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document mm-dd-yyyy	Pages, Columns, Lines, where relevant passages or relevant figures appear
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		5,788,097		McInnes	08/04/1998	
		5,797,911		Sherman et al	03/09/1999	
		5,810,818		Errico	09/22/1998	
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		5,863,293		Richelsoph	01/26/1999	
		5,873,878		Harms et al.	02/23/1999	
		5,879,350		Shermann et al.	03/09/1999	
		5,882,350		Ralph et al.	03/16/1999	
		5,885,286		Sherman et al.	03/23/1999	
		5,888,221		Gelbard	03/30/1999	

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		Foreign	Patent Documer	nt	Date of Publication Pages, Columns, Lin of Cited Document where relevant		Pages, Columns, Lines, where relevant	
Examiner Initials	Cite No. ¹	Office ³	Number ⁴ Kir	ndCode ⁵	Applicant of Cited Document	mm-dd-yyyy	passages or relevant figures appear	T ₆
		EP	0452451		Biederman	11/02/1990	EP	
		EP	0528706		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	07/16/1992	EP	
		EP	0572790		Synthes AG	04/22/1993	EP	
		EP	0771635		Nordson Corp	10/09/1996	EP	
		EP	1332722		Metz-Stavenhagen	05/20/1998	EP	
		FR	2 659 546		LaPresle	03/19/1990	FR	
		FR	2 624 720		Societe De Fabrication de Materiel Orthopedique, Berk.Mer, FR	12/21/1987	FR	

Examiner	Date	
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(use as many sheets as necessary) Sheet 9 of 28

to to respond to a collection of information differs it displays a valid Owld control number						
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Application Number	10/821,284					
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Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 10 of 28

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Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
Group Art Unit	3733					
Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 11 of 28

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(use as many sheets as necessary) Sheet 12 of 28

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(use as many sheets as necessary) Sheet 13 of 28

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 14 of 28

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Attorney Docket Number	DEP5292USNP					

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 15 of 28

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Confirmation Number	1111					
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Filing Date	April 9, 2004					
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Attorney Docket Number	DEP5292USNP					

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Examiner Name	Hoffman, Mary					
Attorney Docket Number	DEP5292USNP					

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Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary) Sheet 21 of 28

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Confirmation Number	1111					
Application Number	10/821,284					
Filing Date	April 9, 2004					
First Named Inventor	Moore					
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(use as many sheets as necessary) Sheet 22 of 28

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Confirmation Number	1111
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Examiner Name	Hoffman, Mary
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(use as many sheets as necessary) Sheet 25 of 28

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Examiner's Initials* Cite No.1 Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numb publisher, city and/or country where published "CD Horizon Legacy 5.5 Spinal System" Brochure, Medtronic Sofamor Danek, U 2003. JOHN R. WALKER, "Machining Fundamentals Fundamental Basic to Industing Goodheart-Wilcox Co., Inc., 1981, pages 2,179-186, including redacted version. LASCOE ET AL., "Machineshop - Operations and Setups", American Technical Socie pages 380, 386 and 388 including redacted version. JEANNERET, Posterior Rod System of the Cervical Spine: A New Implant Allowing Screw Insertion, Eur. Spine J 1996; pp350-6, 5(5):Springer-Verlag	per(s), T ²
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